

# ViewSonic® on top! PS790 Monitor

## Professional Series



**(PC Sold Separately)**

### 19" (18.0" viewable) Monitor

The revolutionary ViewSonic PS790 Short Depth monitor is the first of its kind. In addition to high resolution and refresh rates, this 19" (18.0" viewable) monitor fits in the space of a conventional 15" monitor. Fully loaded with features, such as an ultra fine 0.25mm dot pitch and SuperClear screen technology with advanced Invar shadow mask for enhanced colors and image sharpness, this is the perfect choice for professional users requiring space efficiency and high performance. Don't settle for ordinary when you can have the extraordinary—the PS790.

- **0.25mm dot pitch**

This ultra fine dot pitch produces clear, crisp images with great picture definition, even at the highest resolutions.

- **1,600 x 1,280 maximum resolution**

Displays a maximum resolution of 1,600 x 1,280; 1,280 x 1,024 at 90Hz flicker-free refresh rate for easy viewing.

1,600 x 1,200 @ 78Hz  
1,280 x 1,024 @ 90Hz  
1,024 x 768 @ 119Hz  
800 x 600 @ 149Hz

- **SuperClear™ screen**

SuperClear screen technology incorporates an enhanced phosphor treatment and optimized glass to deliver "power color" images that are up to 30% brighter than conventional CRT monitors with up to 10% improved color fidelity. This provides vivid, realistic color and optimized clarity<sup>†</sup>.

- **Short depth design**

Space saving short depth design minimizes monitor footprint and maximizes desktop space, comfort and productivity.



# ViewSonic®

## PS790 Monitor



19" (18.0" VIEWABLE) SHORT DEPTH COLOR MONITOR WITH SUPERCLEAR™ SCREEN

CRT	Type	19" (18.0" diagonal viewable area), 100° deflection 0.25mm dot pitch RGB medium-short persistence Tint (TM=45.0%) advanced Invar shadow mask, Advanced ARAG® screen treatment
INPUT SIGNAL	Video Sync Frequency	RGB analog (0.7/1.0Vp-p, 75 ohms) H/V separated (TTL), composite, sync-on-green $f_h$ :30-97kHz, $f_v$ :50-180Hz
COMPATIBILITY	PC Mac®*	PC compatible (VGA up to 1,600 x 1,280 non-interlaced) Power Mac® (up to 1600 x 1200)
CONNECTOR	Signal Power	15-pin mini D-sub (HD), BNC x5 3-pin plug (CEE22)
POWER	Voltage Consumption	AC 90-264VAC 50/60 (+/-3) Hz 125W (typ)
USER CONTROLS	Basic OnView®	Power ON/OFF, Key-1, Key-2, down, up, Contrast, brightness, H/V-position, H/V-size, pincushion, pin-balance, degauss, trapezoid, ViewMatch® color, parallelogram, top hooking, bottom hooking, hourglass, hourglass balance, tilt, input select, ViewMeters®, language select, OSD position, video input level, H/V moiré, recall, H/V convergence, linearity-center, linearity-edge, zoom
VIDEO INPUT	Bandwidth	210MHz (max)
MISCONVERGENCE		0.3mm (max) at center 0.4mm (max) at corner
DISPLAY AREA	Factory Setting Maximum Scan	352mm (H) x 264mm (V) (Dependent upon 366mm (H) x 274mm (V) signal timing used)
OPERATING CONDITION	Temperature Humidity	41°F to 95°F (5°C to 35°C) 5% to 90% (non-condensing)
DIMENSIONS	Physical	448mm (W) x 454mm (H) x 415mm (D) (17.6" x 17.9" x 16.3")
WEIGHT	Net	20.5Kg (45.1 lbs.)
OTHER		DDC1 & DDC2B, GTF
REGULATIONS		UL, DHHS, FCC-B, CE, CSA, DOC-B, CB, NOM, MPR-II, TUV/GS, VCCI, TUV ERO(9241-3), PTB, SEMKO, DEMKO, NEMKO, FIMKO, PCT, ENERGY STAR®, E2000, TCO 99
POWER MANAGEMENT		Meets Energy Star, VESA® DPMS®, TCO '99 and Energy 2000 standards
WARRANTY		Three year limited warranty on CRT, parts and labor 48 hour Express Exchange® service option available

- **OnView® controls including ViewMatch®**

All screen adjustments are made via an on-screen menu using simple controls. ViewMatch allows the user to adjust color temperature and individual color intensity for screen-to-print matching.

- **Advanced ARAG® screen treatment**

This specially formulated anti-reflection, anti-glare screen treatment uses a multi-layer process to refract unwanted light away from the user while maintaining the highest quality of the displayed image.

- **TCO '99 and Energy 2000 certified**

This monitor complies with the world's strictest standards of low radiation, safety, ergonomics, recycling and power management while saving costs through automatic power savings modes.



ISO 14001



EMS 40968

ISO 9001



FM 40187

ViewSonic Corporation's QMS/EMS has been registered to ISO 9001 & ISO 14001 by the British Standards Institution.

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